Name of Work: Improvements of Roads and Drains at Kalli Bhavi Road and Surrounding Areas in Ward no-1 of Yelahanka sub Division

EMB

"FIRST AND Final BILL"

Name of Work: Improvements of Roads and Drains at Kalli Bhavi Road and Surrounding Areas in Ward no-1 of Yelahanka sub Division

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Detailed Measurements								
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per								
	Vide Premeasurement page no.					895.45			
					Present Qty	**895.45**	**Cum**	**225.94**	**202319.05**
2	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**1995.10**	**0.00**
	b) 20mm Jelly								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**1995.10**	**0.00**
	c) Coarse sand.								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**2782.22**	**0.00**
	d) Fine Sand								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**2782.22**	**0.00**
	e) 12.5mm chips								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**1995.10**	**0.00**
3	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**11358.02**	**0.00**
4	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified indrawings or as approved by Engineer Incharge. Data Rate								
	Vide Premeasurement page no.					0.00			
					Present Qty	**0.00**	**Cum**	**74.55**	**0.00**
5	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically								
	Vide Premeasurement page no.					328.04			
					Present Qty	**328.04**	**Cum**	**5690.28**	**1866623.80**

m	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
6	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine								
	Vide Premeasurement page no.					234.47			
					Present Qty	**234.47**	**Cum**	**7420.17**	**1739781.29**
7	KSRRB M2200-8. Providing weep holes in Brick masonry / Plain / Reinforced concrete abutment, wing wall / return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing force. Complete as per drawing and Technical Specifications including cost of								
	Vide Premeasurement page no.					50.00			
					Present Qty	**50.00**	**Cum**	**163.53**	**8176.50**
8	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining								
	Vide Premeasurement page no.					13.30			
					Present Qty	**13.30**	**Cum**	**77654.86**	**1032588.40**

Contractor

NEW-EN CONSULTANT BANGALORE

Consultant

Assistant Engineer

Asst. Executive Engineer,

Name of Work: Improvements of Roads and Drains at Kalli Bhavi Road and Surrounding Areas in Ward no-1 of Yelahanka sub Division

Detailed Measurements

Measurement Recorded On: 30/04/202

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
9	Providing and Fixing pre cast covering Slab 100mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete As per Engineer incharge.								
	Rcc Drain Raft								
	Down Bazar Rd From Panchamukhi Anjanaya Temple								
	RHS								
	Ch:0.00m to 30.00m	1	30.00	1.20		36.00			
	Ch:30.00m to 60.00m	1	30.00	1.20		36.00			
	Ch:60.00m to 88.00m	1	28.00	1.20		33.60			
	LHS								
	Ch:0.00m to 18.20m	1	18.20	0.90		16.38			
	Ch:18.20m to 43.90m	1	25.70	0.90		23.13			
	Gap								
	Ch:43.90m to 68.50m	1	24.60	0.90		22.14			
	Culvert								
	Ch:68.50m to 96.70m	1	28.20	0.90		25.38			
	Culvert								
	Ch:96.70m to 126.70m	1	30.00	0.90		27.00			
	Ch:126.70m to 141.70m	1	15.00	0.90		13.50			
	Timmarayappa Rd								
	RHS								
	Ch:0.00m to 30.00m	1	30.00	0.75		22.50			
	Ch:30.00m to 34.30m	1	4.30	0.75		3.23			
	Sadguru School Road								
	RHS								
	Ch:0.00m to 30.00m	1	30.00	0.75		22.50			
	Ch:30.00m to 60.00m	1	30.00	0.75		22.50			
	Ch:60.00m to 76.00m	1	16.00	0.75		12.00			
	Down Bazar								
	Cross Rd 01								
	RHS								
	Ch:0.00m to 30.00m	1	30.00	0.75		22.50			

A.E.E 30/04/202

11/05/24

Contractor

NEVZEN CONSULTANT BANGALORE Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP) Yelahanka, Bangalore

Asst. Exec. Engineer

em No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:30.00m to 41.40m	1	11.40	0.75		8.55			
	Cross Rd 02								
	RHS								
	Ch:0.00m to 30.00m	1	30.00	0.75		22.50			
	Ch:30.00m to 41.50m	1	11.50	0.75		8.63			
	Jayaram House Rd								
	RHS								
	Ch:0.00m to 30.00m	1	30.00	0.75		22.50			
	Ch:30.00m to 54.90m	1	24.90	0.75		18.68			
	Chandraprasanna House Rd								
	RHS								
	Ch:0.00m to 30.00m	1	30.00	0.75		22.50			
	Ch:30.00m to 51.80m	1	21.80	0.75		16.35			
	Desilt Drain missing Slab								
	Chowdeshwari Temple, 2nd Cross Rd								
	RHS								
	Ch:0.00m to 30.00m	1	30.00	0.60		18.00			
	Ch:30.00m to 30.30m	1	0.30	0.60		0.18			
	Chowdeshwari Temple, 1st Cross Rd								
	LHS								
	Ch:0.00m to 30.00m	1	30.00	0.75		22.50			
	Ch:30.00m to 38.00m	1	8.00	0.75		6.00			
	Hoovadigara Beedi								
	Ch:0.00m to 26.50m	1	26.50	0.75		19.88			
	Gangangamma Gudi Rd From Hoovadigara Beedi								
	Ch:0.00m to 30.00m	1	30.00	0.75		22.50			
	Ch:30.00m to 60.00m	1	30.00	0.75		22.50			
	Ch:60.00m to 75.00m	1	25.00	0.75		18.75			
	Down Bazar Main Rd								
	RHS From Amulya Biriyani Corner								
	Ch:0.00m to 30.00m	1	30.00	1.20		36.00			
	Ch:30.00m to 47.50m	1	17.50	1.20		21.00			
	Culvert								
	Ch:47.50m to 51.80m	1	4.30	1.20		5.16			
	Culvert								
	Ch:51.80m to 78.40m	1	26.60	1.20		31.92			
	Culvert								
	Ch:78.40m to 84.70m	1	6.30	1.20		7.56			
	Culvert								

Contractor

NEW ZEN CONSULTANTS Consultant BANGALORE

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ylk. Zn)

Asst. Exec. Engineer

Name of Work: Improvements of Roads and Drains at Kalli Bhavi Road and Surrounding Areas in Ward no-1 of Yelahanka sub Division

Detailed Measurements

Measurement Recorded On: 30/04/2021

m o	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
0	Providing and Fixing pre cast covering Slab 100mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge.								
	Culvert								
	Down Bazar Rd From Amulya Biriyani Corner								
	RHS								
		1	3.20	1.20		3.84			
		1	5.80	1.20		6.96			
		1	4.40	1.20		5.28			
		1	3.70	1.20		4.44			
	LHS								
		1	3.90	1.50		5.85			
	Cross Culvert	1	10.60	1.80		19.08			
	Jayaram House Rd								
		1	4.60	1.20		5.52			
	Main Rd from Jayaram House Rd								
	LHS								
		1	5.40	1.20		6.48			
					Present Qty	**57.45**	**Cum**	**5686.19**	**326671.62**

C&FC Paid qty 30/04 A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

NEWLEN CONSULTANTS BANGALORE Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements of Roads and Drains at Kalli Bhavi Road and Surrounding Areas in Ward no-1 of Yelahanka sub Division

Detailed Measurements

Measurement Recorded On: 30/04/2021

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
11	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift,								
	Kerb Stone								
	Down Bazar Main Rd								
	RHS From Amulya Biriyani Corner								
	Ch:0.00 to 24.90m	1	24.90			24.90			
	Gap								
	Ch:24.90m to 31.70m	1	6.80			6.80			
	Culvert								
	Ch:31.70m to 36.00m	1	4.30			4.30			
	Culvert								
	Ch:36.00m to 62.60m	1	26.60			26.60			
	Culvert								
	Ch:62.60m to 68.90m	1	6.30			6.30			
	Culvert								
	Ch:68.90m to 99.90m	1	30.00			30.00			
	Ch:99.90m to 101.70m	1	2.80			2.80			
	Panchamukhi Anjaneya Temple								
	Ch:0.00 to 30.00m	1	30.00			30.00			
	Ch:30.00m to 60.00m	1	30.00			30.00			
	Ch:60.00m to 88.00m	1	28.00			28.00			
	LHS								
	Ch:0.00m to 18.20m	1	18.20			18.20			
	Gap								
	Ch:18.20m to 43.90m	1	20.70			20.70			
	Balanjaneya temple								
	Ch:43.90m to 68.50m	1	24.60			24.60			
	Culvert								
	Ch:68.50m to 96.70m	1	28.20			28.20			
	Culvert								
	Ch:96.70m to 126.70m	1	30.00			30.00			
	Ch:126.70m to 141.70m	1	15.00			15.00			
						326.40	m		
						Present Qty 725.00	Nos	453.89	329070.25

A.E.E

Contractor

NEWZEN CONSULTANT BANGALORE Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP)

Asst. Exec. Engineer

Name of Work: Improvements of Roads and Drains at Kalli Bhavi Road and Surrounding Areas in Ward no-1 of Yelahanka sub Division

Detailed Measurements

easurement Recorded On: 30/04/2021

tem No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
12	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge.								
	Kerb Stone								
	Down Bazar Main Rd								
	RHS From Amulya Biriyani Corner								
	Ch:0.00 to 24.90m	1	24.90		0.35	8.72			
	Gap								
	Ch:24.90m to 31.70m	1	6.80		0.35	2.38			
	Culvert								
	Ch:31.70m to 36.00m	1	4.30		0.35	1.51			
	Culvert								
	Ch:36.00m to 62.60m	1	26.60		0.35	9.31			
	Culvert								
	Ch:62.60m to 68.90m	1	6.30		0.35	2.21			
	Culvert								
	Ch:68.90m to 99.90m	1	30.00		0.35	10.50			
	Ch:99.90m to 101.70m	1	2.80		0.35	0.98			
	Panchamukhi Anjaneya Temple								
	Ch:0.00 to 30.00m	1	30.00		0.35	10.50			
	Ch:30.00m to 60.00m	1	30.00		0.35	10.50			
	Ch:60.00m to 88.00m	1	28.00		0.35	9.80			
	LHS								
	Ch:0.00m to 18.20m	1	18.20		0.35	6.37			
	Gap								
	Ch:18.20m to 43.90m	1	20.70		0.35	7.25			
	Balanjaneya temple								
	Ch:43.90m to 68.50m	1	24.60		0.35	8.61			
	Culvert								
	Ch:68.50m to 96.70m	1	28.20		0.35	9.87			
	Culvert								
	Ch:96.70m to 126.70m	1	30.00		0.35	10.50			
	Ch:126.70m to 141.70m	1	15.00		0.35	5.25			
						Present Qty	**114.24**	**Sqm**	**89.00**	**10167.36**

A.E.E

Contractor

NEWZEN CONSULTANT BANGALORE Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Unit. 21)

Asst. Exec. Engineer

of Work: Improvements of Roads and Drains at Kalli Bhavi Road and Surrounding Areas in Ward no-1 of Yelahanka sub Division

Detailed Measurements								
Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking								
Vide Premeasurement page no.					369.32			
				Present Qty	**369.32**	**Cum**	**1021.60**	**377301.14**

Contractor

NEW ZEN CONSULTANT BANGALORE
Consultant

Assistant Engineer

Asst. Executive Engineer,
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

me of Work: Improvements of Roads and Drains at Kalli Bhavi Road and Surrounding Areas in Ward no-1 of Yelahanka sub Division

Detailed Measurements

asurement Recorded On: 30/04/2021

n	Discription of Item	No	Length	B1		B2	A. Breadth	Depth	Qty	Unit	Rate	Amount
4	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to											
	CC Road											
	Down Bazar											
	Cross Rd 01											
	Ch:0.00 to 30.00m	1	30.00	5.50	+	4.80 / 2	5.15	0.15	23.18			
	Ch:30.00m to 41.70m	1	11.70	4.80	+	4.70 / 2	4.75	0.15	8.34			
	Cross Rd 02											
	Ch:0.00 to 30.00m	1	30.00	3.70	+	4.10 / 2	3.90	0.15	17.55			
	Ch:30.00m to 41.20m	1	11.20	4.10	+	4.50 / 2	4.30	0.15	7.22			
	Jayaram House Rd											
	Ch:0.00 to 30.00m	1	30.00	4.50	+	3.80 / 2	4.15	0.15	18.68			
	Ch:30.00m to 52.50m	1	22.50	3.80	+	4.00 / 2	3.90	0.15	13.16			
	Cross Road											
	Ch:0.00 to 19.30m	1	19.30	3.20	+	3.30 / 2	3.25	0.15	9.41			
	Chandraprasanna House Rd											
	Ch:0.00 to 30.00m	1	30.00	4.80	+	3.70 / 2	4.25	0.15	19.13			

A.E.E

11/08/2021

Contractor

NEWTEN CONSULTANTS BANGALORE Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison

Discription of Item	No	Length	B1		B2	A. Breadth	Depth	Qty	Unit	Rate	Amount
Ch:30.00m to 51.80m	1	21.80	3.70	+	2.70	3.20	0.15	10.46			
			2								
Chowdeshwari Temple, 2nd Cross Rd											
Ch:0.00 to 30.00m	1	30.00	4.20	+	4.20	4.20	0.15	18.90			
			2								
Ch:30.00m to 38.00m	1	8.00	4.20	+	4.30	4.25	0.15	5.10			
			2								
Chowdeshwari Temple, 1st Cross Rd											
Ch:0.00 to 27.60m	1	27.60	1.30	+	2.40	1.85	0.15	7.66			
			2								
Timmarayappa House Road (SC Area)											
Ch:0.00 to 30.00m	1	30.00	2.20	+	1.60	1.90	0.15	8.55			
			2								
Ch:30.00m to 34.30m	1	4.30	1.60	+	1.60	1.60	0.15	1.03			
			2								
Hoovadigara Beedi											
Ch:0.00 to 15.40m	1	15.40	3.40	+	2.30	2.85	0.15	6.58			
			2								
Ch:15.40m to 41.90m	1	26.50	3.80	+	3.00	3.40	0.15	13.52			
			2								
BDK Kumar House Road											
Ch:0.00 to 7.00m	1	7.00	8.00	+	5.90	6.95	0.15	7.30			
			2								
Ch:7.00m to 25.50m	1	18.50	5.00	+	4.50	4.75	0.15	13.18			
			2								
Ch:25.50m to 39.80m	1	14.30	6.00	+	5.80	5.90	0.15	12.66			
			2								
							Present Qty	**221.59**	**Cum**	**5468.90**	**1211876.79**
										Total	**9179322.74**
										GST 12%	**813348.55**
										Grand Total	**9992671.29**

A.E.E

Contractor

NEW ZEN CONSULTANT BANGALORE Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer